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AUG 17 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

TI-30916

Lior Ophir, et al.

Art Unit: 2637

Serial No.: 09/887,490

Examiner: Sam K. Ahn


Filed: June 22, 2001

Conf. No.: 7722

For: System and Method of Data Communication Using Turbo Trellis Coded Modulation  
Combined With Constellation Shaping With or Without Precoding

## CERTIFICATION OF FACSIMILE TRANSMISSION

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Date

## FACSIMILE COVER SHEET

<input checked="" type="checkbox"/> <b>FACSIMILE COVER SHEET</b>	<input checked="" type="checkbox"/> <b>AMENDMENT</b> <u>116 (16 Pages)</u>
<input type="checkbox"/> <b>NEW APPLICATION</b>	<input type="checkbox"/> <b>EOT</b> <u>(# Page)</u>
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<input type="checkbox"/> <b>DIVISIONAL APP'N</b>	
<b>NAME OF INVENTOR(S):</b> Lior Ophir, et al.	
<b>RECEIPT DATE &amp; SERIAL NO.:</b> Serial No.: <b>09/887,490</b> Filing Date: June 22, 2001	
<b>TITLE OF INVENTION:</b> System and Method of Data Communication Using Turbo Trellis Coded Modulation Combined With Constellation Shaping With or Without Precoding	
<b>TI FILE NO.:</b> <b>TI-30916</b>	<b>DEPOSIT ACCT. NO.:</b> <b>20-0668</b>
<b>FAXED:</b> 8/17/05 <b>DUE:</b> 8/27/05 <b>ATTY/SEC'Y:</b> ARZ/rdb	

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Texas Instruments Incorporated  
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TI-30916

Attorney Docket No.

**U.S. PATENT AND TRADEMARK OFFICE**  
**AMENDMENT TRANSMITTAL FORM**

In re the Application of

Lior Ophir, et al.

Serial No: 09/887,490

Filed: June 22, 2001

For: System and Method of Data Communication Using Turbo Trellis Coded Modulation Combined With Constellation Shaping With or Without Precoding

Conf. No.: 7722

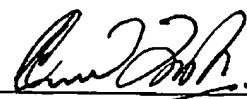
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application. The fee has been calculated as shown below:

CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMT.		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total Claims	48	Minus	48	= 0	x \$50 =	\$ 00.00
Independent Claims	4	Minus	3	= 1	x \$200 =	\$ 200.00
TOTAL ADDITIONAL FEE FOR THIS AMOUNT						\$ 200.00

Charge the total fee, and any further additional fees, or credit overpayment to Texas Instruments Incorporated, Deposit Account No. 20-0668.



Abdul Zindani  
Attorney for Applicant  
Reg. No. 46,091

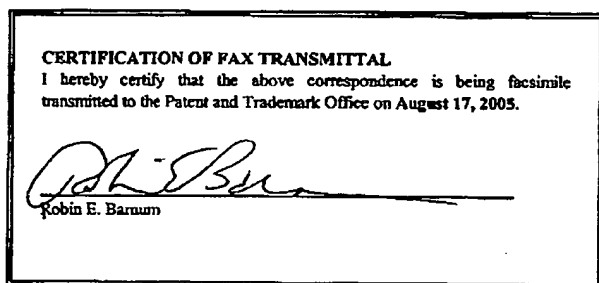
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Response Under 37 CFR 1.116  
Expedited Procedure - Examining Group 2637

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AUG 17 2005

**In re the Application of:** Lior Ophir, et al.      **Attorney Docket No.:** TI-30916  
**Serial No:** 09/887,490      **Filed:** June 22, 2001  
**Art Unit:** 2637      **Examiner:** Sam K. Ahn  
**Conf. No.:** 7722  
**Title:** System and Method of Data Communication Using Turbo Trellis  
Coded Modulation Combined With Constellation Shaping With or  
Without Precoding



Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT PURSUANT TO 37 CFR 1.116**

Dear Sir:

This amendment is in response to the Office Action dated June 27, 2005, having a statutory period for response set to expire on August 27, 2005.

**Amendments to Claims begin on page 2.****Remarks/Arguments begin on page 16.**

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